A Level Further Mathematics

Entry Requirements

To study Further Mathematics at A level you will need at least a grade 8 in maths at GCSE.

Knowledge & Skills gained:

- An understanding of the mathematics that underpin many aspects of our lives.
- Understand mathematics and mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study;
- Use their mathematical skills and techniques to solve challenging problems which require them to decide on the solution strategy;
- The ability to apply a range of mathematical skills to different situations.
- Acute logical thinking and problem-solving abilities.
- The ability to process, interpret and analyse information.

Complementary Subjects

All students studying Further Mathematics also study A Level Mathematics and they often also study Science A Levels, especially Physics.

Future Opportunities

University - Students studying Further Mathematics often go on to study STEM (science, technology, engineering and maths) courses at degree level and beyond. 46% of BSc Mathematics degrees list Further Mathematics as an entry requirement. Studying A Level Further Mathematics is an excellent preparation for many Engineering degrees as it introduces a wider range of pure and applied content, such as matrices and complex numbers

Employment opportunities – A Level Further Mathematics is a highly regarded qualification by universities and employers.